Lightweight material containing blown perlite and methods of producing the same

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The invention concerns a lightweight material containing blown perlite, alkali silicates and optionally additives of hardeners for aqueous alkali silicates, the expanded perlite having a grain size of between 0.8 and 6 mm. The material further contains a water-repelling agent, and the apparent densities range from 60 to 500 kg/m<3>.

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